# https://encrypted-tbn3.google.com/images?q=tbn:ANd9GcTLAZpQzmzAPnXtyNCq1onsRE4y0bvoWlMvd3YA8Lt715oLXEJxWAIT 5302 Intro Web Study Guide Module 7: Web Development Issues - CMS Prepared by Jack G. Zheng, Spring 2015

## Overview and learning outcomes

Finally, we are at the last module of this course. Let’s do some light reading this week and conclude the mini-semester. The focus is to survey some popular web technologies and development issues. There are too many things to talk about. I have selected content management system (CMS) which I think you should get some exposure to.

CMS has been used widely in developing a website, ranging from small personal web blogs to enterprise website. It separate the focus on technology and content which makes the website more manageable.

1. Describe purposes and common features of a (web) content management system.
2. Discuss the advantages and disadvantages of web site development based on content management systems.
3. Survey popular CMS products.
4. Have some hands-on experience with WordPress.

## Reading

1. Required readings
   1. Web Content Management Explained: <https://www.youtube.com/watch?v=7W46dxG_R1U>
   2. Introduction to CMS: <http://www.slideshare.net/asocinfo/introduction-to-content-management-systems-cms>
   3. <http://www.slideshare.net/adhouraacademy/content-management-system-23092247>
   4. WordPress CMS: <https://www.youtube.com/watch?v=GSPp2OiPvos>
2. Additional resources and readings
   1. <http://www.opensourcecms.com/>
   2. <http://www.cmscritic.com/>
   3. CMS stats
      1. <http://w3techs.com/technologies/overview/content_management/all>
      2. <http://www.opensourcecms.com/general/cms-marketshare.php>
   4. CMS choices
      1. <http://www.cmsmatrix.org/>
      2. <http://cms-software-review.toptenreviews.com/>
      3. <http://www.smashingmagazine.com/2009/03/05/10-things-to-consider-when-choosing-the-perfect-cms/>
   5. <http://en.wikipedia.org/wiki/Web_content_management_system>
   6. <http://visual.ly/most-popular-content-management-systems-2013>
   7. WordPress
      1. WordPress: A Simple Beginner's Introduction: <https://www.youtube.com/watch?v=u3KEwBhuEfU>
      2. <http://en.wikipedia.org/wiki/WordPress>

## Task list

1. Exercise (no submission)
   1. Try WordPress (no download, live online demo) to create your personal website <http://www.opensourcecms.com/scripts/details.php?scriptid=88&name=WordPress> - read this for some assistance: <http://codex.wordpress.org/First_Steps_With_WordPress>
   2. Try one more CMS at <http://www.opensourcecms.com> and compare it with WordPress.
2. Research and discuss:
   1. Why or why not to use CMS for website development?
   2. What are the top features of a CMS when used for website development? Start your research from here: <http://www.smashingmagazine.com/2009/03/05/10-things-to-consider-when-choosing-the-perfect-cms/>. Do you agree or not? List your own top 10 features and explain.
   3. Are you going to use WordPress if you are setting up a website for yourself or your club? Why, or why not?